

FIG. 1

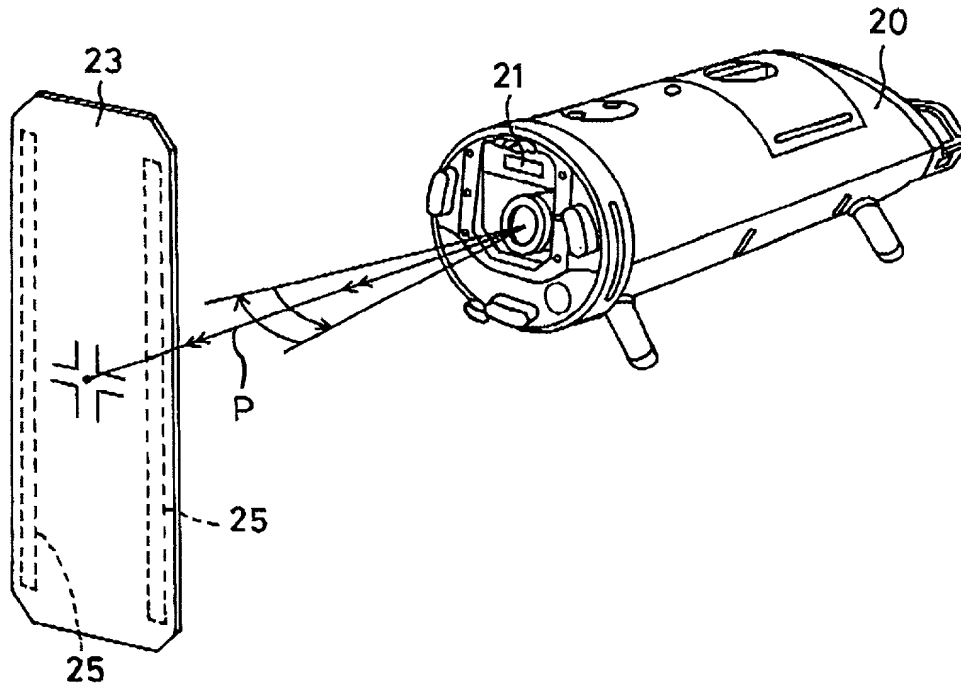


FIG. 2 (a)

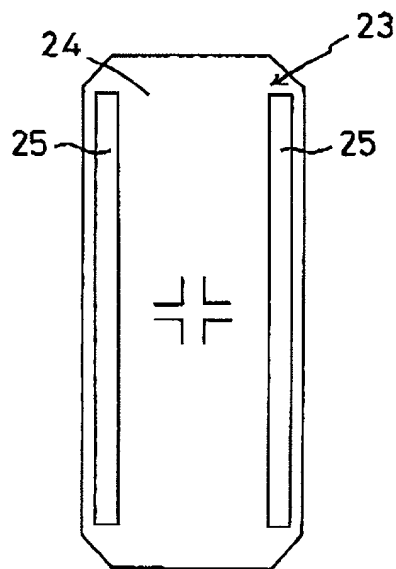
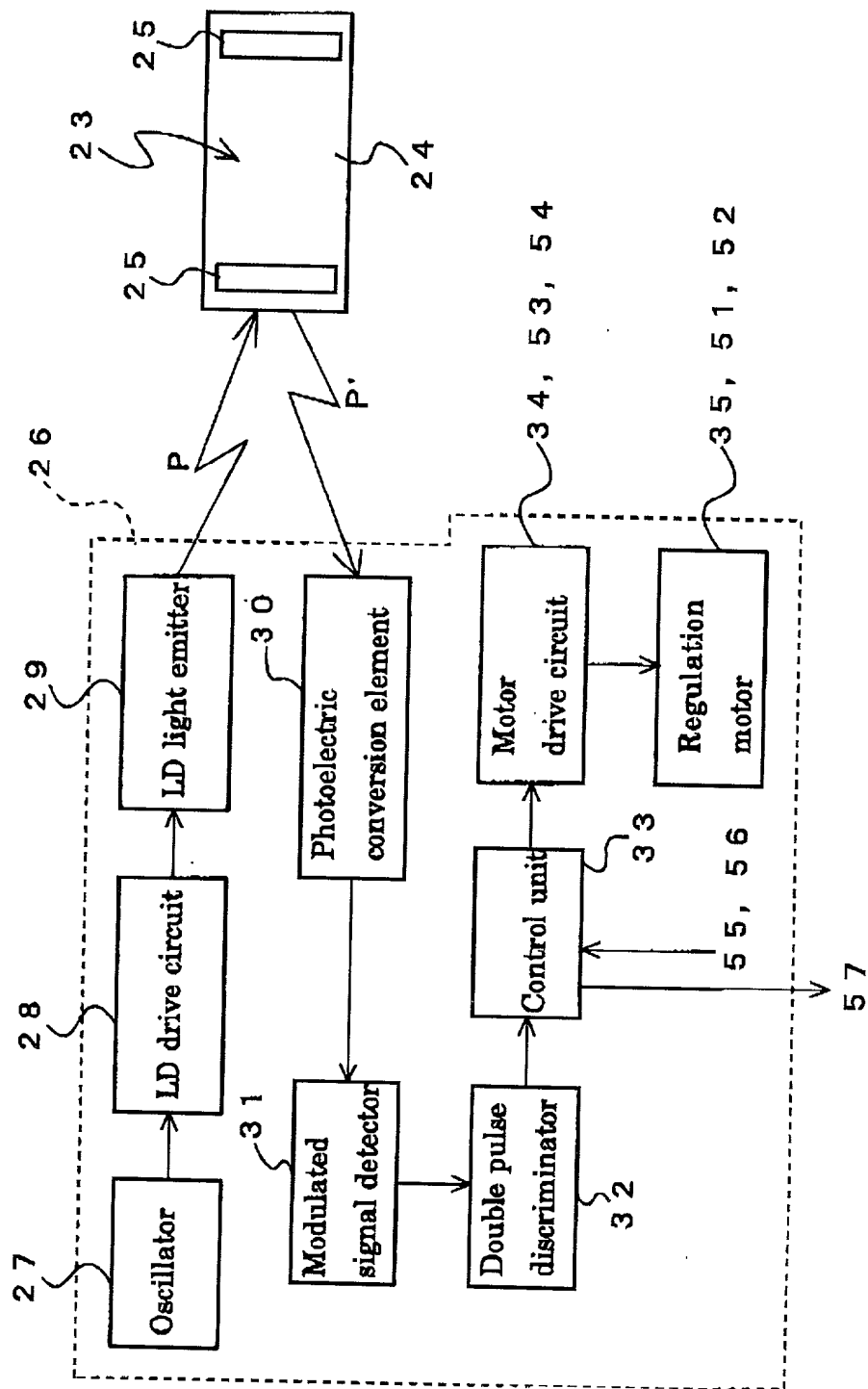


FIG. 2 (b)



FIG. 3



F I G . 4

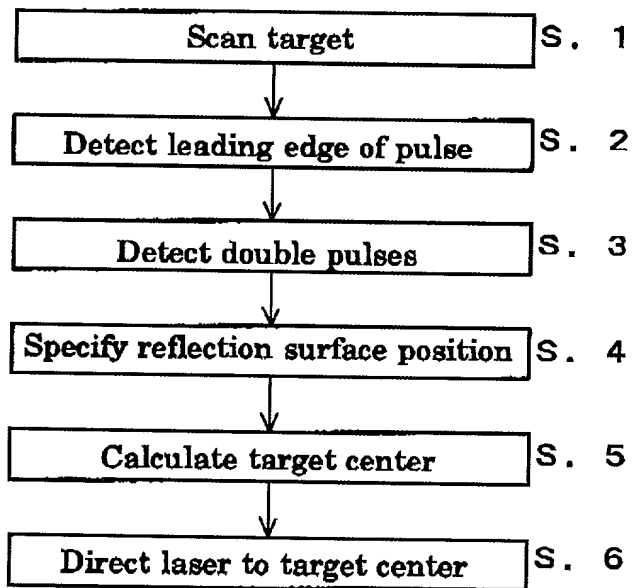


FIG. 5

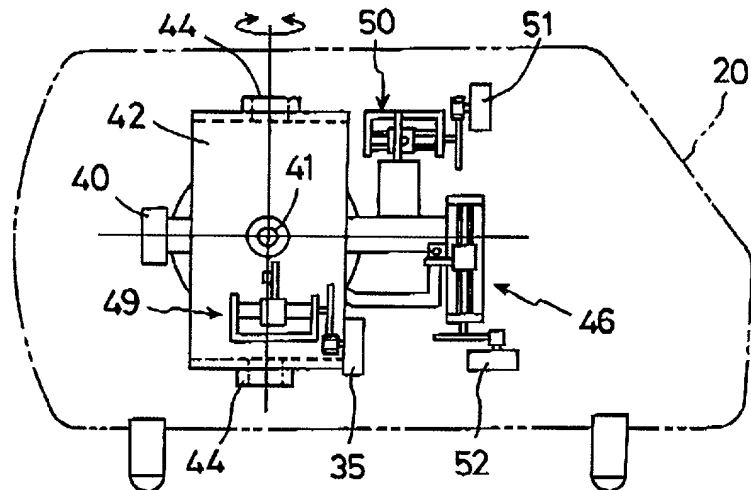


FIG. 6

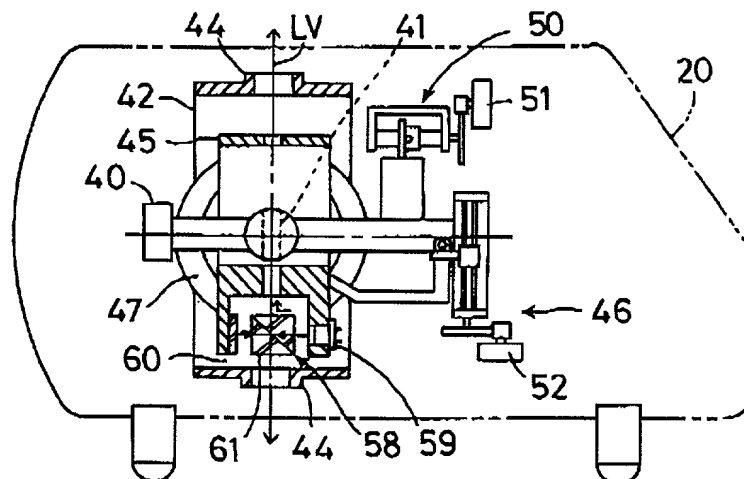


FIG. 7

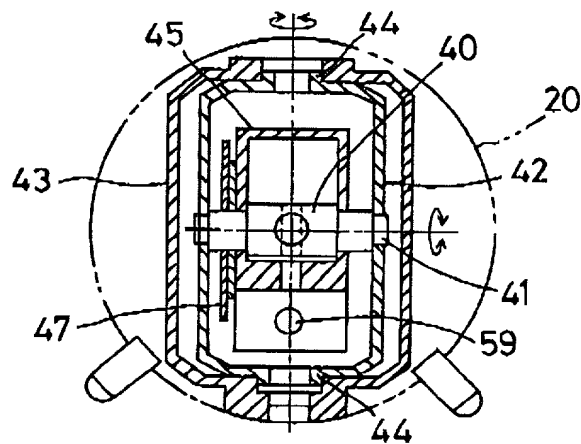
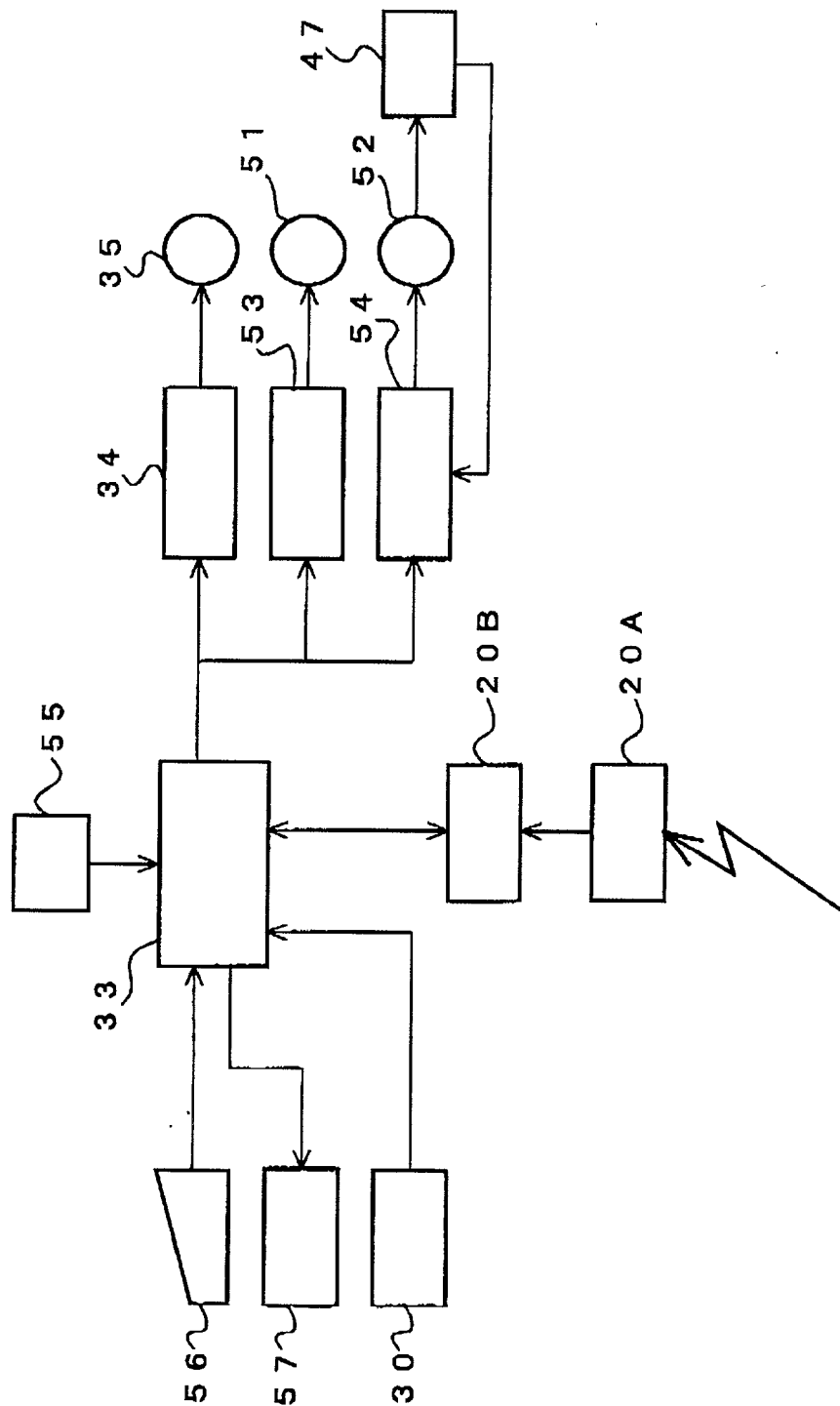


FIG. 8



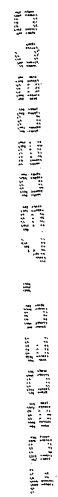
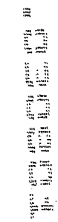
[illegible][illegible]

FIG. 10 (a)

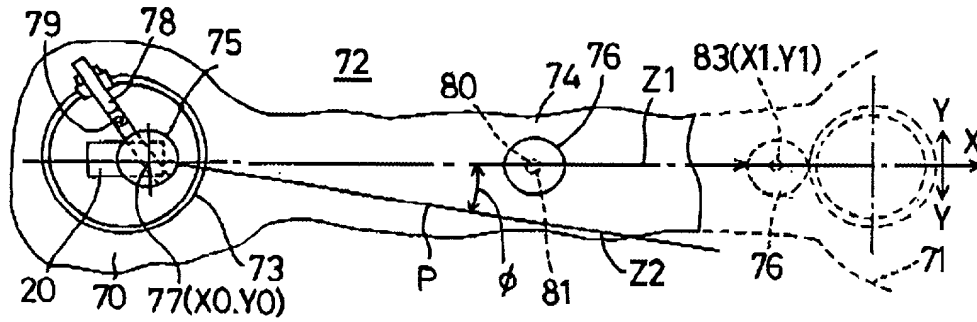


FIG. 10 (b)

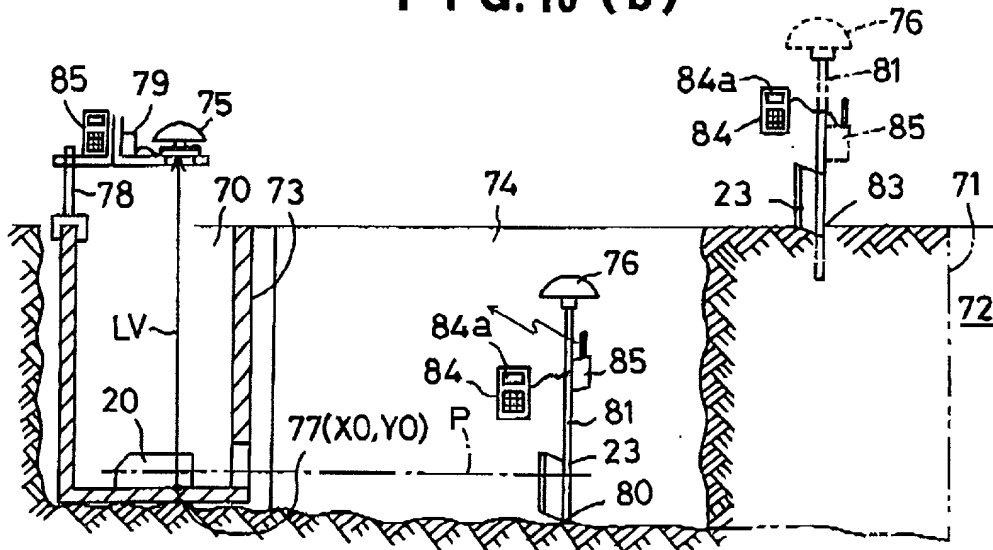
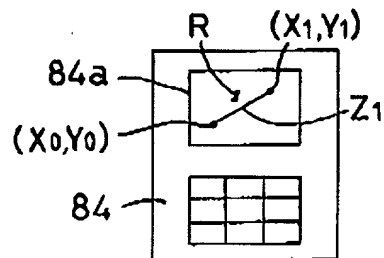


FIG. 10 (c)



[illegible]

Variable	Unit	Value
Age	Years	25.0
Height	cm	170.0
Weight	kg	70.0
Heart rate	beats/min	120.0
Stroke volume	L	0.07
Cardiac output	L/min	8.4
Systemic vascular resistance	mmHg/L/min	16.0
Pulmonary vascular resistance	mmHg/L/min	1.0
Mean arterial pressure	mmHg	93.3
Diastolic pressure	mmHg	60.0
Systolic pressure	mmHg	133.3
Left ventricular end-diastolic pressure	mmHg	12.0
Left ventricular systolic pressure	mmHg	120.0
Right ventricular end-diastolic pressure	mmHg	5.0
Right ventricular systolic pressure	mmHg	35.0
Central venous pressure	mmHg	5.0
Pulmonary artery pressure	mmHg	35.0
Pulmonary capillary pressure	mmHg	15.0
Transpulmonary pressure	mmHg	10.0
Alveolar pressure	mmHg	10.0
Barometric pressure	mmHg	760.0
Partial pressure of oxygen in alveoli	mmHg	100.0
Partial pressure of oxygen in arterial blood	mmHg	95.0
Partial pressure of oxygen in venous blood	mmHg	40.0
Partial pressure of carbon dioxide in alveoli	mmHg	40.0
Partial pressure of carbon dioxide in arterial blood	mmHg	45.0
Partial pressure of carbon dioxide in venous blood	mmHg	45.0
Partial pressure of water vapor	mmHg	47.0
Partial pressure of nitrogen in alveoli	mmHg	560.0
Partial pressure of nitrogen in arterial blood	mmHg	560.0
Partial pressure of nitrogen in venous blood	mmHg	560.0
Partial pressure of hydrogen ions	mmHg	40.0
Partial pressure of bicarbonate ions	mmHg	40.0
Partial pressure of chloride ions	mmHg	40.0
Partial pressure of potassium ions	mmHg	40.0
Partial pressure of sodium ions	mmHg	40.0
Partial pressure of calcium ions	mmHg	40.0
Partial pressure of magnesium ions	mmHg	40.0
Partial pressure of iron ions	mmHg	40.0
Partial pressure of zinc ions	mmHg	40.0
Partial pressure of copper ions	mmHg	40.0
Partial pressure of nickel ions	mmHg	40.0
Partial pressure of cobalt ions	mmHg	40.0
Partial pressure of manganese ions	mmHg	40.0
Partial pressure of chromium ions	mmHg	40.0
Partial pressure of vanadium ions	mmHg	40.0
Partial pressure of selenium ions	mmHg	40.0
Partial pressure of bromine ions	mmHg	40.0
Partial pressure of iodine ions	mmHg	40.0
Partial pressure of fluorine ions	mmHg	40.0
Partial pressure of phosphorus ions	mmHg	40.0
Partial pressure of sulfur ions	mmHg	40.0
Partial pressure of chlorine ions	mmHg	40.0
Partial pressure of nitrogen ions	mmHg	40.0
Partial pressure of oxygen ions	mmHg	40.0
Partial pressure of hydrogen ions	mmHg	40.0
Partial pressure of bicarbonate ions	mmHg	40.0
Partial pressure of chloride ions	mmHg	40.0
Partial pressure of potassium ions	mmHg	40.0
Partial pressure of sodium ions	mmHg	40.0
Partial pressure of calcium ions	mmHg	40.0
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Partial pressure of potassium ions	mmHg	40.0
Partial pressure of sodium ions	mmHg	40.0
Partial pressure of calcium ions	mmHg	40.0
Partial pressure of magnesium ions	mmHg	40.0
Partial pressure of iron ions	mmHg	40.0
Partial pressure of zinc ions	mmHg	40.0

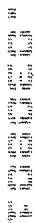


FIG. 12

